

ECOMLITE 2

INDOOR COMFORT MONITOR



A multicolor LED lets you know in real time the air quality index



More powerful, more compact and more competitive than the first generation, EcomLite 2 continuously measures the 5 most common pollutants in indoor environments (CO₂, VOC, CO, PM_{1/2.5/10}, HCHO) as well as environmental parameters (temperature, pressure, relative humidity, noise and brightness).

EcomLite 2 doubles its executing power yet keeps it ultra-connected and energy efficient. Its new built-in wall mounting system makes it a breeze to install. It can also be recessed or placed on a flat surface to blend seamlessly with any interior.

EcomLite 2 is ideally suited for continuous indoor air quality monitoring as part of:

- Compliance with EPA recommendations, the IAQ Tools for Schools program, and the implementation of EN 16798 guidelines;
- CSR strategy and HQE, WELL and BREEAM sustainable building certification requirements;

+ BENEFITS

- + Real-time measurements
- + Easy to install and set up
- + Powerful, compact and affordable station
- + Multi-parameter system
- + Immediate access to the air quality index

+ APPLICATIONS

- + Healthcare and social care facilities
- + Educational institutions
- + Workplace environments
- + Leisure facilities: restaurants, cinemas...

ECOMLITE 2

TECHNICAL SPECIFICATIONS



Dimensions	H5.7" x W3.3" x L1.9" (H145 x W85 x L50 mm) 0.70 lbs (0.32 kg)
Connectivity	Ethernet, Wi-Fi 4 - 2.4 GHz, BLE 5.3 Option: 4G
Set-up	BLE settings app for iOS & Android Remote firmware updates via OTA (Over The Air)
Measurement Frequency	One measurement every 60 seconds (adjustable from 10s to 1h)
Access to data	https://ws.i-comesure.com
Web services	Mapping Multi-mode data display Device status Device remote control Data storage Data downloading Configurable alerts/alarms Data analytics reports Virtual Integrated Devices (VID) Data encryption API Data-base export Data logger
Data security	Local + Cloud-based encryption WPA2-Enterprise compatible
Pollution index	Multicolor led
Data storage	Built-in 8 GB microSD memory card Web storage
Power supply	5 VDC, 2A Integrated back-up battery (> 4 h of use) Sold separately: USB-C cable, power adapter, external or built-in converter

MEASUREMENT SPECIFICATIONS



Sensors*	Technology	Measurement Range	Accuracy
PM ₁ , PM _{2.5} , PM ₁₀	Laser/Optical	0-5000 µg/m ³	< 100 µg/m ³ ± 10 µg/m ³ ; > 100 µg/m ³ ±25%
CO ₂	Photoacoustic NDIR	400-5000 ppm	400 ppm - 2 000 ppm : ± 50 ppm > 2 000 ppm : ± 40 ppm
HCHO	Electrochemical	0-1 ppm	± 3% at full scale
CO		0-1000 ppm	± 2% at full scale
VOC	MOX	0-10 ppm	± 2.5% at full scale
Noise	MEMS Microphone	10-80 dB SPL	1 dB
Ambient light	Photodiode	0-120 kLx	0.0036 Lx
Temperature	Temperature sensor	14 to 104 °F (-10 to +40 °C)	0.9°F (0.5°C)

*Sensor specifications before integration. Performance may vary after integration.

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MADE IN FRANCE

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